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ABSTRACT

This summary of the use of microcomputers in Florida public schools during the 1990-91 school year indicates that the schools have reported a total of 131,367 microcomputers being used for student instruction, and 21,806 being used for administrative purposes. Four tables present data on the number of microcomputers in individual school districts for the years 1986-87 through 1990-91 together with the change since the previous year; the number of instructional computers by type for each school district over the 5 year period; the number of administrative microcomputers in each school district over the same period and the net change since the previous year; and the number of administrative microcomputers in school district by type for the same period. Types of computers used include Atari, Apple, IBM, Commodore, Tandy, and other. Six figures and a map showing the Florida reporting regions are also included. (DB)

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MIS Statistical Brief

Series 91-07B

State of Florida
Dept. of Education

Microcomputers in Florida Public Schools

Fall, 1990

Division of Public Schools
Education Information Services

IR 015 735

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MIS Statistical Brief

State of Florida
Department of Education
Tallahassee, Florida
Affirmative action/equal opportunity employer

January, 1991 Series 91-07B

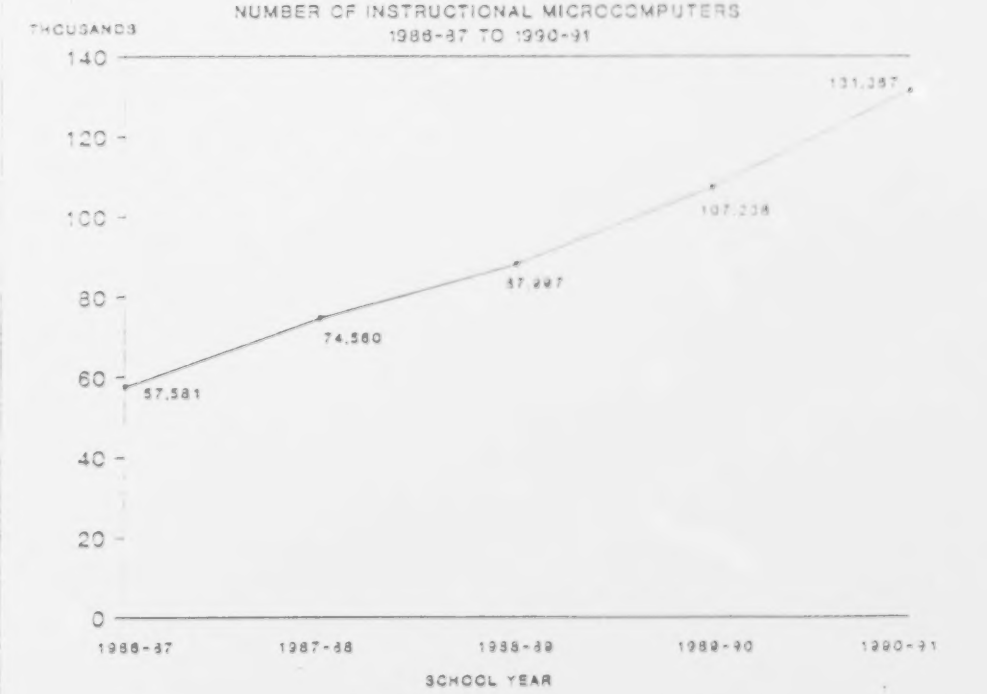
MICROCOMPUTERS IN FLORIDA PUBLIC SCHOOLS
FALL, 1990

Florida public schools have reported a total of 131,367 microcomputers being used for student instruction and 21,806 being used for administration during the 1990-91 school year.

INSTRUCTIONAL MICROCOMPUTERS

The 131,367 microcomputers being used for student instruction represent an increase of 24,129 microcomputers (22.5 percent) over the 1989-90 school year. A graphic presentation of the number of microcomputers used for instruction for the years 1986-87 through 1990-91 is given below. Table 1, on the next page, presents the number of instructional microcomputers in each school district for the years 1986-87 through 1990-91, as well as the change since last year.

FIGURE 1.
NUMBER OF INSTRUCTIONAL MICROCOMPUTERS
1986-87 TO 1990-91



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DIVISION OF PUBLIC SCHOOLS
Education Information Services

TABLE 1
NUMBER OF INSTRUCTIONAL MICROCOMPUTERS IN SCHOOL DISTRICTS

REGION/ DISTRICT	1986-87	1987-88	1988-89	1989-90	1990-91	NET CHANGE 1989-90 TO 1990-91 NUMBER	PERCENT
PANHANDLE							
BAY	817	987	1066	1231	1614	383	31.1
CALHOUN	165	171	200	210	288	78	37.1
ESCAMBIA	941	1187	1837	2084	2564	480	23.0
FRANKLIN	83	103	129	167	189	22	13.2
GADSDEN	244	449	525	576	627	51	8.9
GULF	115	125	142	175	236	61	34.9
HOLMES	120	153	178	238	314	76	31.9
JACKSON	225	274	308	397	443	46	11.6
JEFFERSON	155	211	218	229	244	15	6.6
LEON	720	983	1115	2144	2516	372	17.4
LIBERTY	42	67	66	72	101	29	40.3
MADISON	119	149	120	165	201	36	21.8
OKALOOSA	830	918	1202	1369	2128	759	55.4
SANTA ROSA	423	493	575	743	919	176	23.7
TAYLOR	177	280	310	320	362	42	13.1
WAKULLA	88	112	147	165	213	48	29.1
WALTON	151	222	296	532	578	46	8.6
WASHINGTON	180	258	304	344	387	43	12.5
TOTAL	5595	7142	8738	11161	13924	2763	24.8
CROWN							
ALACHUA	1243	1417	1592	1953	2398	445	22.8
BAKER	307	340	417	499	438	-61	-12.2
BRADFORD	113	160	183	206	281	75	36.4
CITRUS	382	528	738	826	1021	195	23.6
CLAY	819	970	1083	1236	1864	628	50.8
COLUMBIA	194	311	384	518	550	32	6.2
DIXIE	112	131	138	153	183	30	19.6
DUVAL	2626	2954	3063	4056	6405	2349	57.9
FLAGLER	113	228	265	270	424	154	57.0
GILCHRIST	58	139	134	185	185	0	0.0
HAMILTON	155	194	227	241	244	3	1.2
LAFAYETTE	47	108	123	173	233	60	34.7
LEVY	296	326	345	401	437	36	9.0
MARION	1134	1325	1413	1812	2077	265	14.6
NASSAU	368	488	569	612	675	63	10.3
PUTNAM	369	533	640	922	1110	188	20.4
ST. JOHNS	515	611	802	940	1169	229	24.4
SUWANNEE	222	272	274	394	462	68	17.3
UNION	98	144	156	159	148	-11	-6.9
TOTAL	9171	11179	12546	15556	20304	4748	30.5
EAST CENTRAL							
BREVARD	2225	2794	3350	3797	4282	485	12.8
INDIAN RIVE	319	300	352	484	542	58	12.0
LAKE	1073	1241	1334	1768	2164	396	22.4
OKEECHOBEE	130	155	219	262	327	65	24.8
ORANGE	2146	2792	3513	4045	5456	1411	34.9
OSCEOLA	387	455	719	1274	1400	126	9.9
ST. LUCIE	511	625	746	1143	1213	70	6.1
SEMINOLE	1166	1416	1555	1861	2226	365	19.6
SUMTER	315	332	383	424	480	56	13.2
VOLUSIA	1393	5397	6493	7103	7429	326	4.6
TOTAL	9665	15507	18664	22161	25519	3358	15.2
WEST CENTRAL							
CHARLOTTE	334	481	570	844	1160	316	37.4
DE SOTO	149	218	270	299	317	18	6.0
GLADES	52	50	52	70	72	2	2.9
HARDEE	297	328	357	358	403	45	12.6
HERNANDO	456	602	730	752	1158	406	54.0
HIGHLANDS	361	454	560	578	682	104	18.0
HILLSBOROUG	3346	4780	5452	7028	8401	1373	19.5
LEE	958	1321	1698	1726	2248	522	30.2
MANATEE	899	1087	1271	1466	1717	251	17.1
PASCO	890	1072	1372	1625	2165	540	33.2
PINELLAS	2552	2932	3448	4275	5340	1065	24.9
POLK	2743	3103	3431	3760	4907	1147	30.5
SARASOTA	1376	1646	1888	2265	2874	609	26.9
TOTAL	14413	18074	21099	25046	31444	6398	25.5
SOUTH							
BROWARD	7024	7864	9013	11439	14079	2640	23.1
COLLIER	556	736	802	936	1665	729	77.9
DADE	6736	9211	11497	14002	15463	1461	10.4
HENDRY	161	193	225	229	285	56	24.5
MARTIN	543	715	784	976	1254	278	28.5
MONROE	387	416	746	864	993	129	14.9
PALM BEACH	3330	3523	3771	4761	6307	1546	32.5
TOTAL	18737	22658	26838	33207	40046	6839	20.6
FSDB	NA	NA	112	107	130	23	21.5
STATE TOTAL	57581	74560	87997	107238	131367	24129	22.5

Each type of microcomputer as a percent of the total number of instructional microcomputers is given in Figure 2 below. Figure 3, on page 4, shows state totals for each type of instructional microcomputer over a four year period. Table 2, on page 5, indicates the number of instructional microcomputers by type in each district for the years 1987-88 through 1990-91.

There has been considerable growth since last year in the number of some types of microcomputers used for instruction in Florida public schools, whereas much smaller increases were apparent for other types of microcomputers. Schools reported using 70,006 Apple microcomputers during the 1990-91 school year, more than double that of any other type of microcomputer. Apple microcomputers now account for 53.29 percent of instructional microcomputers used in Florida public schools. The number of IBM microcomputers used for instruction increased by 6,299 over the 1989-90 school year, representing a 31 percent increase. IBM microcomputers now comprise 20.38 percent of instructional microcomputers in Florida public schools. Tandy microcomputers showed an increase of 6 percent and now account for 16.34 percent of the instructional microcomputers. Commodore, Atari and Other microcomputers make up the remaining 10 percent of instructional microcomputers. Commodore showed a 7 percent decrease over last year, Atari an 11 percent decrease and the Other category a 32 percent increase.

FIGURE 2.
INSTRUCTIONAL MICROCOMPUTERS BY TYPE
1990-91

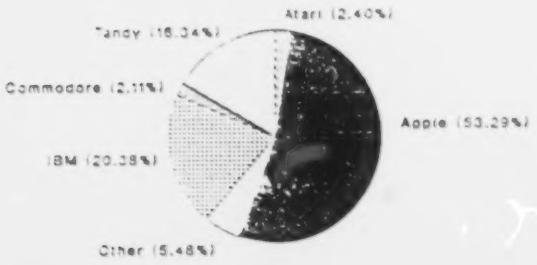

FIGURE 3.
NUMBER OF INSTRUCTIONAL MICROCOMPUTERS BY TYPE
1987-88 TO 1990-91

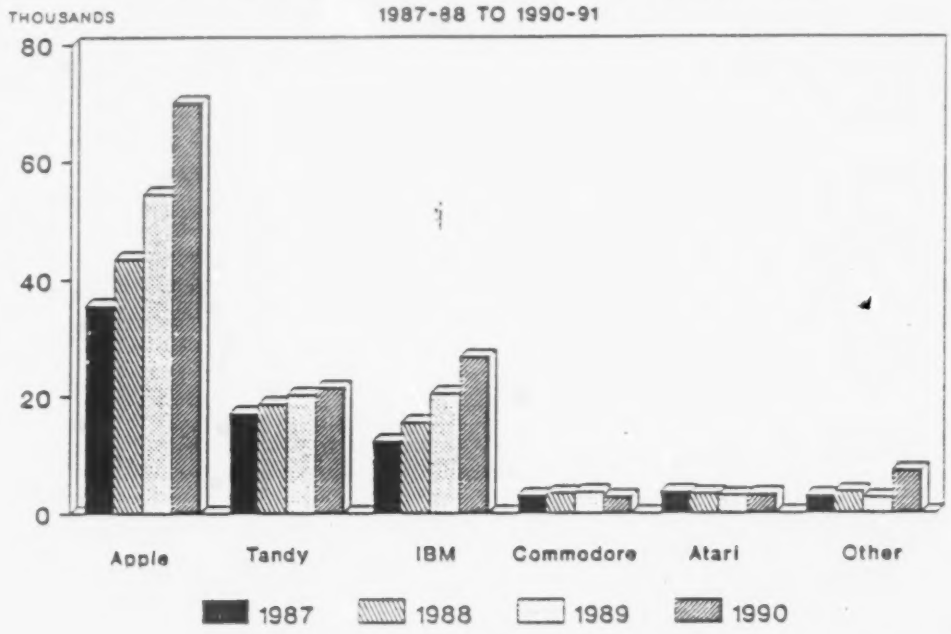

TABLE 2
NUMBER OF INSTRUCTIONAL MICROCOMPUTERS BY TYPE

REGION/ DISTRICT	APPLE 1987	APPLE 1988	APPLE 1989	APPLE 1990	TANDY/RADIO SHACK 1987	TANDY/RADIO SHACK 1988	TANDY/RADIO SHACK 1989	TANDY/RADIO SHACK 1990	IBM 1987	IBM 1988	IBM 1989	IBM 1990
PANHANDLE												
BAY	487	555	720	1016	128	126	90	81	26	61	129	217
CALHOUN	152	174	175	201	13	13	14	14	6	9	21	69
ESCAMBIA	379	847	1069	1415	617	663	667	720	8	34	82	118
FRANKLIN	84	96	111	124	1	0	0	0	18	25	24	32
GADSDEN	229	299	329	339	15	14	15	14	70	68	85	112
GULF	98	114	132	175	25	25	25	23	0	1	1	1
HOLMES	69	107	169	245	35	26	23	26	0	3	11	11
JACKSON	159	162	221	248	28	18	6	0	44	61	113	128
JEFFERSON	134	139	153	155	76	77	74	80	1	1	2	8
LEON	802	876	1671	1860	33	32	34	23	46	74	113	142
LIBERTY	21	27	33	59	43	38	30	22	2	1	1	12
MADISON	33	41	40	43	71	41	57	67	2	0	12	26
OKALOOSA	431	670	736	1157	9	4	3	23	94	75	165	500
SANTA ROSA	190	256	300	338	289	279	240	202	4	32	123	275
TAYLOR	107	117	129	181	42	38	25	22	97	122	133	149
WAKULLA	88	113	132	181	2	1	1	0	12	24	24	23
WALTON	100	148	484	529	98	101	0	0	0	0	20	2
WASHINGTON	217	245	253	288	6	3	3	5	11	14	43	40
TOTAL	3780	4986	6857	8554	1531	1499	1307	1322	441	610	1102	1865
CROWN												
ALACHUA	207	225	310	532	835	1173	1300	1395	10	14	102	246
BAKER	165	202	323	264	130	164	110	78	41	51	56	57
BRADFORD	11	22	40	48	24	24	26	20	11	15	20	59
CITRUS	330	538	594	736	58	61	73	63	111	102	93	108
CLAY	280	321	398	603	671	536	433	466	3	3	15	124
COLUMBIA	117	161	213	282	138	145	167	115	11	49	123	118
DIXIE	84	93	110	135	24	21	22	25	0	0	0	2
DUVAL	168	221	353	898	2526	2464	2554	2458	41	126	614	2482
FLAGLER	174	189	227	382	41	39	30	25	0	0	0	15
GILCHRIST	46	31	40	40	90	95	128	128	0	2	1	1
HAMILTON	100	155	160	172	24	8	9	7	7	15	30	30
LAFAYETTE	108	107	157	217	0	0	0	0	0	0	0	0
LEVY	7	9	9	13	94	39	98	78	216	228	285	310
MARION	170	241	472	584	179	163	202	196	924	938	957	1088
NASSAU	276	357	426	491	207	207	181	169	2	0	0	9
PUTNAM	315	367	571	677	118	145	135	137	72	99	182	231
ST. JOHNS	330	387	445	630	147	206	171	196	91	96	191	199
SUWANNEE	97	101	197	234	138	144	145	154	9	0	20	26
UNION	12	14	15	15	28	27	27	6	79	38	39	101
TOTAL	2997	3741	5060	6953	5472	5711	5811	5716	1628	1836	2798	5201
EAST CENTRAL												
BREVARD	1649	2154	2512	2968	478	566	704	803	18	25	23	61
INDIAN RIVER	205	245	258	361	33	29	23	22	16	27	46	133
LAKE	251	359	630	965	451	451	530	408	1	1	4	282
OKEECHOBEE	99	167	170	238	22	20	28	27	20	21	43	48
ORANGE	1708	2110	2390	3087	941	1164	1280	1847	69	32	119	166
OSCEOLA	358	577	948	1073	60	99	164	139	5	5	3	7
ST. LUCIE	433	496	571	675	74	102	140	151	30	60	345	326
SEMINOLE	959	1086	1346	1600	253	299	288	320	30	27	50	182
SUMTER	190	241	270	341	130	132	144	117	0	0	0	10
VOLUSIA	696	719	800	953	419	305	330	347	4083	5382	5919	6035
TOTAL	6548	8154	9895	12261	2861	3167	3631	4181	4272	5631	6643	7250
WEST CENTRAL												
CHARLOTTE	386	472	634	943	82	84	146	131	7	8	55	65
DE SOTO	167	214	213	223	25	22	22	21	22	30	18	35
GLADES	29	29	53	46	18	18	12	22	0	0	0	0
HARDEE	220	232	229	289	37	36	35	36	11	37	46	47
HERNANDO	211	224	244	362	336	466	467	643	30	36	34	116
HIGHLANDS	337	374	409	496	69	82	55	73	25	28	33	16
HILLSBOROUGH	1600	2173	2937	3955	1266	1404	1655	1819	604	565	974	1057
LEE	731	1030	1076	1461	334	307	289	376	36	57	44	88
MANATEE	560	657	707	906	405	413	486	479	69	144	183	226
PASCO	852	1086	1367	1855	194	226	197	219	17	55	52	82
PINELLAS	1415	1811	2276	3023	1164	1196	1442	1477	111	202	351	627
POLK	1073	1382	1744	2537	856	888	976	1110	262	314	296	446
SARASOTA	746	846	1118	1742	617	669	683	621	234	273	346	402
TOTAL	8327	10530	13007	17838	5403	5811	6465	7032	1428	1749	2426	3207
SOUTH												
BROWARD	6967	7475	9333	10923	31	302	536	681	794	941	1150	1800
COLLIER	706	741	845	1300	0	1	1	0	26	30	48	310
DADE	5309	6658	7940	9977	537	1031	1332	1419	1341	1836	2759	2390
HENDRY	175	203	228	231	0	1	0	0	5	5	1	24
MARTIN	396	477	614	809	221	201	156	106	36	64	59	151
MONROE	166	169	187	215	233	236	189	204	15	339	417	493
PALM BEACH	223	262	443	821	811	724	831	808	2302	2440	3005	4073
TOTAL	13942	15985	19590	24276	1833	2496	3045	3218	4519	5655	7500	9241
FSDB	0	109	107	124	0	0	0	0	0	3	1	4
STATE TOTAL	35594	43505	54516	70006	17100	18684	20259	21469	12283	15434	20469	26768

TABLE 2
NUMBER OF INSTRUCTIONAL MICROCOMPUTERS BY TYPE (CONTINUED)

REGION/	ATARI				COMMODORE				OTHER			
DISTRICT	1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
PANHANDLE												
BAY	1	25	12	30	335	265	256	191	10	34	24	79
CALHOUN	0	4	0	4	0	0	0	0	0	0	0	0
ESCAMBIA	76	179	151	180	91	81	71	55	17	33	44	76
FRANKLIN	0	0	16	16	0	0	0	1	0	8	16	16
GADSDEN	127	136	132	154	1	0	1	0	7	8	14	8
GULF	0	0	16	16	2	2	1	2	0	0	0	19
HOLMES	9	12	12	8	9	6	8	4	31	19	15	20
JACKSON	0	4	4	0	16	21	14	5	27	42	39	62
JEFFERSON	0	0	0	0	0	0	0	0	0	1	0	1
LEON	27	35	53	69	35	23	23	18	40	75	250	404
LIBERTY	0	0	8	8	0	0	0	0	1	0	0	0
MADISON	18	25	44	55	11	9	7	5	14	4	5	5
OKALOOSA	24	24	49	57	329	355	317	241	31	74	99	150
SANTA ROSA	2	2	32	40	3	0	0	0	5	6	48	64
TAYLOR	29	29	28	8	1	1	1	1	4	3	4	1
WAKULLA	0	0	0	0	2	2	2	2	8	7	6	7
WALTON	0	0	0	0	22	22	0	17	6	25	28	30
WASHINGTON	0	0	0	0	4	5	2	2	20	37	43	52
TOTAL	313	475	557	645	861	792	703	544	221	376	635	994
CROWN												
ALACHUA	22	60	60	40	0	0	0	1	343	120	181	184
BAKER	0	0	0	17	0	0	0	0	0	0	0	22
BRADFORD	20	20	20	20	91	100	98	97	3	2	2	37
CITRUS	0	0	0	0	1	2	3	3	28	35	63	111
CLAY	0	0	16	16	0	0	0	0	16	223	374	655
COLUMBIA	21	20	0	18	10	9	9	5	14	0	6	12
DIXIE	1	1	0	0	13	14	16	6	9	9	5	15
DUVAL	60	50	53	52	7	29	9	7	152	173	473	508
FLAGLER	13	37	12	0	0	0	1	1	0	0	0	1
GILCHRIST	0	0	16	16	2	1	0	0	1	5	0	0
HAMILTON	16	16	17	17	47	33	25	18	0	0	0	0
LAFAYETTE	0	16	16	0	0	0	0	0	0	0	0	16
LEVY	0	0	0	0	9	9	9	9	0	0	0	27
MARION	2	8	8	8	15	10	5	23	35	53	168	178
NASSAU	0	0	0	0	1	0	0	0	2	5	5	11
PUTNAM	16	16	19	0	1	1	0	0	11	12	15	65
ST.JOHNS	0	74	74	74	0	0	1	1	43	39	58	69
SUWANNEE	20	0	0	20	2	5	5	4	6	24	17	24
UNION	16	16	16	16	0	0	0	0	9	11	12	10
TOTAL	207	334	327	314	199	213	181	175	672	711	1379	1945
EAST CENTRAL												
BREVARD	7	0	4	1	571	562	501	407	71	43	43	42
INDIAN RIVE	9	9	9	8	25	12	20	8	12	30	128	10
LAKE	0	0	0	0	491	490	492	464	47	33	42	45
OKEECHOBE	0	0	0	0	13	11	16	14	1	0	0	0
ORANGE	3	68	117	132	5	5	4	4	66	84	135	220
OSCEOLA	0	22	110	101	3	1	2	0	29	14	41	80
ST. LUCIE	0	32	32	16	74	45	40	33	14	11	15	12
SEMINOLE	22	30	8	9	30	29	25	18	122	84	144	97
SUMTER	0	0	0	0	6	2	4	2	6	8	6	10
VOLUSIA	0	0	13	21	145	8	8	12	54	79	33	62
TOTAL	41	161	293	288	1363	1165	1112	962	422	386	587	578
WEST CENTRAL												
CHARLOTTE	3	1	1	1	0	0	0	0	3	5	8	20
DE SOTO	0	0	0	0	1	1	1	1	3	3	45	37
GLADES	0	0	0	0	3	4	0	0	0	1	5	4
HARDEE	52	43	34	0	0	0	0	0	8	9	14	31
HERNANDO	2	2	3	3	20	0	0	0	3	2	4	34
HIGHLANDS	0	0	0	0	22	76	78	80	1	0	6	12
HILLSBOROUG	1039	1076	1185	1073	11	12	7	92	260	222	273	405
LEE	22	40	44	10	6	4	4	6	192	260	269	307
MANATEE	2	1	0	0	27	23	33	31	24	33	57	75
PASCO	0	0	0	0	0	0	0	0	9	5	9	9
PINELLAS	2	1	11	1	13	14	20	18	227	224	175	194
POLK	0	61	22	24	772	675	615	640	140	111	107	150
SARASOTA	0	1	0	1	4	5	5	2	45	94	113	106
TOTAL	1122	1226	1300	1113	879	814	763	870	915	969	1085	1384
SOUTH												
BROWARD	0	1	5	9	3	2	5	30	69	292	410	636
COLLIER	0	24	40	24	4	4	2	2	0	2	0	29
DADE	1254	1165	1009	650	262	270	198	165	508	537	764	862
HENDRY	0	0	0	0	0	0	0	0	13	16	1	30
MARTIN	56	24	16	32	0	0	0	0	6	18	131	156
MONROE	0	0	0	72	0	0	0	0	2	2	9	9
PALM BEACH	0	0	5	2	44	32	23	27	143	313	454	576
TOTAL	1310	1214	1075	789	313	308	228	224	741	1180	1769	2298
FSDB	0	0	0	0	0	0	0	0	0	0	0	2
STATE TOTAL	2993	3410	3552	3149	3615	3292	2987	2775	2971	3622	5455	7201

ADMINISTRATIVE MICROCOMPUTERS

The number of administrative microcomputers has grown by 198 percent since 1986-87. The 21,806 microcomputers used for administration represent an increase of 4,275 computers over 1989-90, a growth of 24 percent. Figure 4 below illustrates the growth of administrative use of microcomputers over the last five years. Table 3, on the next page, presents the number of administrative microcomputers in each school district for the years 1986-87 to 1990-91, as well as the number and percent change since last year.

FIGURE 4.

NUMBER OF ADMINISTRATIVE MICROCOMPUTERS

1986-87 TO 1990-91

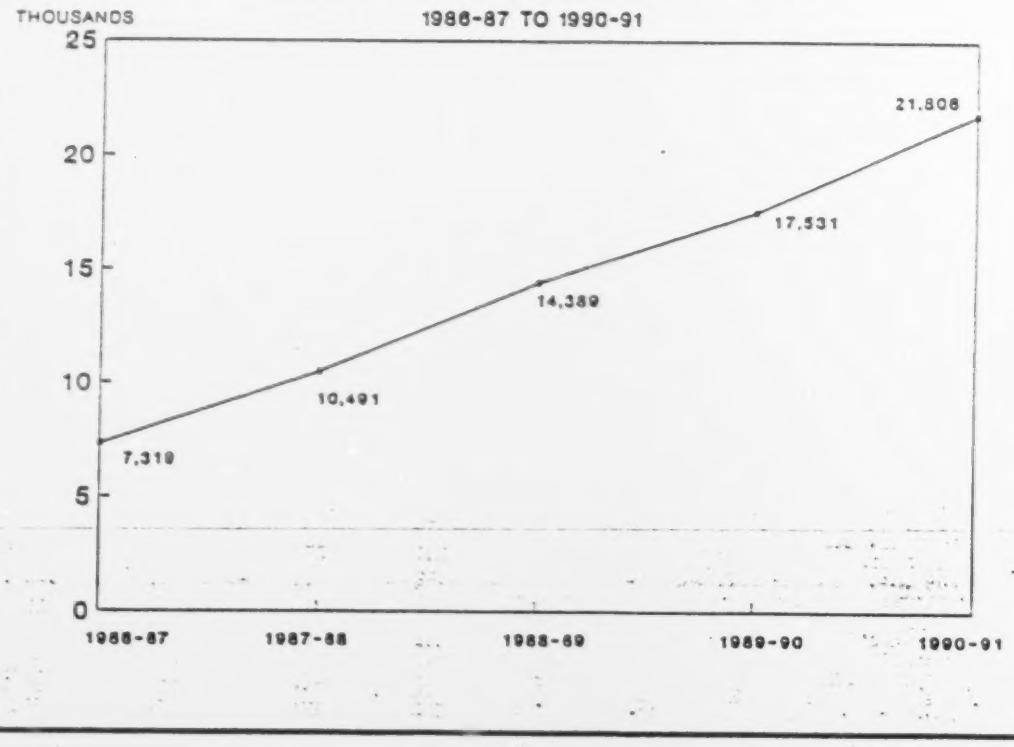

TABLE 3
NUMBER OF ADMINISTRATIVE MICROCOMPUTERS IN SCHOOL DISTRICTS

REGION/ DISTRICT	1986-87	1987-88	1988-89	1989-90	1990-91	NET CHANGE 1989-90 to 1990-91 NUMBER	PERCENT
PANHANDLE							
BAY	78	148	165	196	285	89	45.4
CALHOUN	7	16	16	13	17	4	30.8
ESCAMBIA	107	164	331	555	683	128	23.1
FRANKLIN	9	18	30	23	23	0	0.0
GADSDEN	21	38	45	55	72	17	30.9
GULF	12	18	24	23	22	-1	-4.3
HOLMES	18	22	21	25	42	17	68.0
JACKSON	27	26	30	25	37	12	48.0
JEFFERSON	21	24	17	24	29	5	20.8
LEON	157	221	381	640	693	53	8.3
LIBERTY	8	10	10	10	14	4	40.0
MADISON	15	25	34	42	45	3	7.1
OKALOOSA	82	136	137	215	263	48	22.3
SANTA ROSA	68	74	89	155	190	35	22.6
TAYLOR	13	25	40	35	35	0	0.0
WAKULLA	9	14	22	34	41	7	20.6
WALTON	22	16	21	49	40	-9	-18.4
WASHINGTON	24	55	58	72	72	0	0.0
TOTAL	696	1039	1471	2191	2603	412	18.8
CROWN							
ALACHUA	153	234	235	453	316	-137	-30.2
BAKER	17	28	27	100	90	-10	-10.0
BRADFORD	6	10	12	25	20	-5	-20.0
CITRUS	60	110	143	165	167	2	1.2
CLAY	57	101	142	170	321	151	88.8
COLUMBIA	9	15	21	27	35	8	29.6
DIXIE	10	11	17	32	26	-6	-18.8
DUVAL	252	381	474	672	1028	356	53.0
FLAGLER	22	34	38	47	64	17	36.2
GILCHRIST	2	3	5	15	15	0	0.0
HAMILTON	7	10	12	11	19	8	72.7
LAFAYETTE	3	6	8	8	14	6	75.0
LEVY	27	40	48	47	56	9	19.1
MARION	73	153	346	285	262	-23	-8.1
NASSAU	43	52	55	77	63	-14	-18.2
PUTNAM	50	71	64	70	95	25	35.7
ST.JOHNS	92	108	135	163	178	15	9.2
SUWANNEE	16	21	30	47	40	-7	-14.9
UNION	9	10	19	18	25	7	38.9
TOTAL	908	1398	1831	2432	2834	402	16.5
EAST CENTRAL							
BREVARD	306	433	538	597	673	76	12.7
INDIAN RIVER	21	37	52	70	80	10	14.3
LAKE	62	75	97	134	218	84	62.7
OKEECHOBEE	22	31	39	36	75	39	108.3
ORANGE	535	602	705	1196	1433	237	19.8
OSCEOLA	34	55	80	151	231	80	53.0
ST.LUCIE	99	109	116	193	196	3	1.6
SEMINOLE	220	312	343	413	503	90	21.8
SUMTER	23	30	41	54	65	11	20.4
VOLUSIA	209	332	623	791	811	20	2.5
TOTAL	1531	2016	2634	3635	4285	650	17.9
WEST CENTRAL							
CHARLOTTE	30	87	110	234	276	42	17.9
DE SOTO	27	41	49	66	72	6	9.1
GLADES	3	8	4	7	18	11	157.1
HARDEE	21	30	32	36	50	14	38.9
HERNANDO	72	91	128	79	167	88	111.4
HIGHLANDS	78	91	125	133	142	9	6.8
HILLSBOROUGH	401	580	688	935	1242	307	32.8
LEE	152	280	365	288	516	228	79.2
MANATEE	116	138	139	224	276	52	23.2
PASCO	219	318	380	491	565	74	15.1
PINELLAS	323	545	730	872	1078	206	23.6
POLK	147	340	442	425	537	112	26.4
SARASOTA	215	351	499	656	700	44	6.7
TOTAL	1804	2900	3691	4446	5639	1193	26.8
SOUTH							
BROWARD	1068	1276	1930	2134	2511	377	17.7
COLLIER	166	208	281	223	445	222	99.6
DADE	616	837	1197	1577	1948	371	23.5
HENDRY	21	35	41	53	66	13	24.5
MARTIN	77	81	91	123	186	63	51.2
MONROE	32	36	64	50	50	0	0.0
PALM BEACH	400	665	1125	628	1187	559	89.0
TOTAL	2380	3138	4729	4788	6393	1605	33.5
FSDB	0	0	33	39	52	13	33.3
STATE TOTAL	7319	10491	14389	17531	21806	4275	24.4

Table 4, on page 11, indicates the number of administrative microcomputers by type in each school district for four school years, 1987-88 through 1990-91. Five-year state totals are graphically portrayed in Figure 6 on the next page. The types of microcomputers as a percent of the total number of administrative microcomputers reported by districts for the current (1990-91) school year is indicated in Figure 5 below. IBM (35.22 percent), Apple (32.66 percent) and Tandy (12.13 percent) are the most frequently used types of microcomputers. The remaining 19.99 percent were reported as Other.

FIGURE 5.
ADMINISTRATIVE MICROCOMPUTERS BY TYPE
1990-91

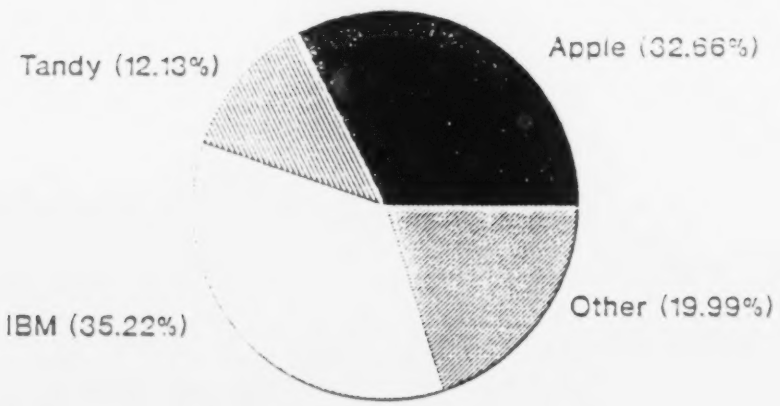

FIGURE 6.
NUMBER OF ADMINISTRATIVE MICROCOMPUTERS BY TYPE
1987-88 TO 1990-91

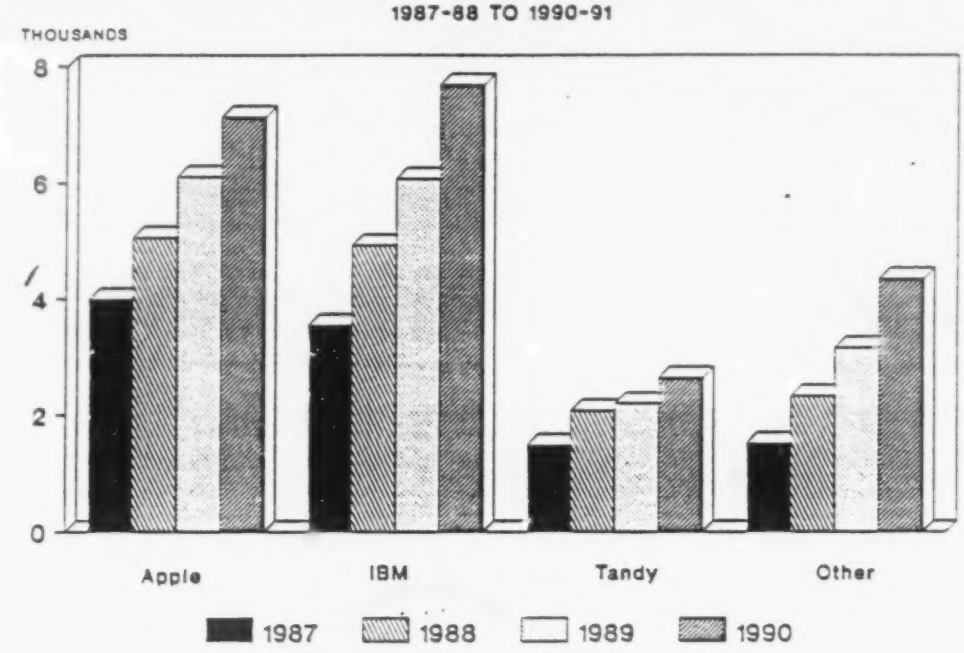

TABLE 4
NUMBER OF ADMINISTRATIVE MICROCOMPUTERS BY TYPE

REGION/ DISTRICT	APPLE				TRS 80, II, III, 4, 12, 16, TANDY 1600				TANDY 1000 1200, 2000, 3000			
	1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
PANHANDLE												
BAY	82	82	86	87	0	1	1	7	0	0	2	0
CALHOUN	0	0	0	0	0	0	0	0	0	0	0	0
ESCAMBIA	113	118	125	180	3	6	6	8	13	14	20	10
FRANKLIN	12	20	12	12	0	2	0	0	0	0	2	0
GADSDEN	7	5	8	9	6	7	8	4	0	0	0	0
GULF	11	11	10	10	0	0	0	1	0	0	0	0
HOLMES	10	10	10	20	1	0	0	0	0	0	0	0
JACKSON	0	5	3	3	1	0	1	1	0	0	0	0
JEFFERSON	7	6	8	8	0	0	0	0	0	0	1	0
LEON	107	95	270	272	0	0	16	28	0	0	0	0
LIBERTY	3	5	1	1	0	0	0	0	0	0	0	1
MADISON	6	6	5	6	7	9	7	4	0	0	1	2
OKALOOSA	44	39	59	60	0	0	0	0	0	0	0	1
SANTA ROSA	10	14	26	55	18	10	8	16	8	22	13	12
TAYLOR	6	10	17	13	2	1	1	2	1	0	0	0
WAKULLA	5	5	6	5	0	0	0	0	0	0	0	0
WALTON	5	3	23	21	3	1	0	0	4	0	2	0
WASHINGTON	9	7	11	14	0	0	0	0	0	0	2	1
TOTAL	437	441	680	776	41	42	48	71	31	46	43	27
CROWN												
ALACHUA	9	27	119	76	69	67	128	40	42	52	32	36
BAKER	12	10	23	20	4	0	4	4	2	0	4	9
BRADFORD	4	1	7	4	0	0	0	0	0	0	1	0
CITRUS	39	43	50	58	8	13	5	4	9	0	8	7
CLAY	42	48	44	58	5	27	1	3	1	0	0	1
COLUMBIA	8	5	10	10	1	1	1	0	0	0	0	0
DIXIE	1	1	4	1	0	0	0	2	0	0	0	1
DUVAL	57	57	81	146	150	118	131	80	16	17	19	23
FLAGLER	22	25	34	43	6	5	2	0	2	4	2	2
GILCHRIST	0	0	5	5	0	0	2	2	0	0	2	0
HAMILTON	3	0	2	2	0	0	0	0	0	0	0	0
LAFAYETTE	4	5	5	11	0	0	0	0	0	0	0	0
LEVY	4	4	4	4	5	8	8	4	0	0	0	0
MARION	23	76	38	19	6	15	3	3	0	0	0	10
NASSAU	4	4	14	14	47	49	48	31	1	0	4	17
PUTNAM	22	21	21	23	3	4	4	2	0	0	0	0
ST. JOHNS	28	45	55	35	12	19	19	8	1	3	4	4
SUWANNEE	6	7	10	9	3	4	3	9	0	0	0	0
UNION	2	1	0	1	2	0	0	0	1	1	1	1
TOTAL	285	385	526	590	321	330	359	192	68	107	149	103
EAST CENTRAL												
BREVARD	209	237	270	290	17	32	15	22	5	11	12	12
INDIAN RIVER	10	12	30	18	0	0	0	0	0	0	2	0
LAKE	30	26	47	39	19	22	16	20	5	13	13	20
OKEECHOBEE	19	10	16	22	1	0	0	1	0	0	0	4
ORANGE	217	258	261	290	20	11	15	13	10	10	143	312
OSCEOLA	33	65	85	170	2	1	2	0	3	5	13	13
ST. LUCIE	46	47	56	46	5	2	3	3	0	0	1	5
SEMINOLE	99	90	88	112	1	0	0	3	1	5	9	12
SUMTER	8	3	11	9	12	10	5	4	1	0	3	3
VOLUSIA	154	135	151	152	33	51	55	54	2	2	8	3
TOTAL	825	888	1015	1198	110	129	111	120	28	49	207	389
WEST CENTRAL												
CHARLOTTE	75	96	208	260	3	3	1	0	2	0	5	1
DE SOTO	9	6	7	7	0	0	0	0	0	0	0	0
GLADES	0	0	0	3	0	0	0	0	0	0	3	13
HARDEE	9	11	11	11	0	0	0	0	0	0	0	0
HERNANDO	34	46	31	41	42	38	17	27	14	30	13	58
HIGHLANDS	25	29	24	18	10	0	2	5	1	2	3	3
HILLSBOROUGH	244	262	323	388	134	135	179	80	58	122	210	414
LEE	80	80	46	87	9	19	4	2	7	17	17	55
MANATEE	31	43	65	74	15	6	10	9	1	1	1	7
PASCO	247	265	357	412	20	19	11	8	3	3	11	6
PINELLAS	315	405	407	479	156	141	97	85	22	30	40	52
POLK	54	76	59	54	38	16	17	14	3	7	2	4
SARASOTA	74	125	162	186	6	13	8	4	40	80	31	58
TOTAL	1197	1444	1700	2020	433	390	346	234	151	292	406	671
SOUTH												
BROWARD	842	1195	1473	1717	0	0	0	13	0	173	136	165
COLLIER	61	68	48	56	2	0	0	0	0	0	1	0
DADE	263	486	490	525	21	1	10	20	6	47	111	203
HENDRY	8	4	8	12	1	4	4	4	0	0	1	1
MARTIN	39	52	71	104	3	5	1	1	2	2	3	3
MONROE	12	25	24	25	16	14	3	1	3	1	1	1
PALM BEACH	21	138	26	94	103	12	91	57	142	304	167	368
TOTAL	1246	1868	2140	2503	146	161	109	96	153	529	420	741
FSDB	0	33	39	36	0	0	0	0	0	0	0	0
STATE TOTAL	3990	5059	6100	7123	1051	1052	973	713	431	1023	1225	1931

TABLE 4
NUMBER OF ADMINISTRATIVE MICROCOMPUTERS BY TYPE (CONTINUED)

REGION/ DISTRICT	IBM PC				OTHER IBM PC COMPATIBLE				OTHER			
	1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
PANHANDLE												
BAY	63	79	93	139	0	0	5	10	2	3	9	42
CALHOUN	7	13	13	17	0	0	0	0	0	3	0	0
ESCAMBIA	20	150	376	457	0	8	7	18	25	35	21	10
FRANKLIN	4	4	2	3	0	1	6	8	0	2	1	0
GADSDEN	22	26	33	50	1	5	3	5	1	0	3	4
GULF	7	13	13	11	0	0	0	0	0	0	0	0
HOLMES	7	6	12	16	2	3	3	6	2	2	0	0
JACKSON	24	22	19	29	1	1	1	4	0	1	1	0
JEFFERSON	12	9	14	14	0	0	0	5	4	1	1	2
LEON	82	183	213	198	26	83	104	144	6	19	37	51
LIBERTY	3	5	9	11	2	0	0	1	0	0	0	0
MADISON	11	19	27	33	1	0	0	0	0	0	2	0
OKALOOSA	74	87	134	183	7	4	14	8	11	7	8	11
SANTA ROSA	43	37	92	77	1	2	2	23	11	4	14	7
TAYLOR	12	10	11	15	1	4	5	4	3	9	1	1
WAKULLA	7	14	21	28	1	3	7	8	1	0	0	0
WALTON	2	6	1	2	2	7	23	16	1	0	0	1
WASHINGTON	28	35	31	39	2	5	8	9	14	11	20	9
TOTAL	428	718	1114	1322	47	126	188	269	82	98	118	138
CROWN												
ALACHUA	107	83	116	130	3	2	8	20	4	4	0	14
BAKER	13	11	40	35	2	4	19	22	0	0	0	0
BRADFORD	5	4	13	10	0	0	3	2	3	3	1	4
CITRUS	50	45	48	46	7	21	41	51	5	12	13	1
CLAY	46	53	101	215	3	12	19	33	4	2	5	11
COLUMBIA	5	15	15	23	1	0	1	2	0	0	0	0
DIXIE	8	9	7	9	0	1	1	0	1	6	19	13
DUVAL	42	69	117	303	86	181	272	379	30	32	52	97
FLAGLER	2	3	7	18	1	0	2	1	1	1	0	0
GILCHRIST	3	5	4	4	0	0		0	0	0	2	2
HAMILTON	6	8	8	15	1	0	1	1	0	1	0	0
LAFAYETTE	2	2	2	3	0	1	1	0	0	0	0	0
LEVY	27	29	31	37	0	0		2	4	6	2	9
MARION	116	205	198	192	7	18	34	33	1	15	12	15
NASSAU	0	0		0	0	0		0	2	12	1	1
PUTNAM	37	27	27	45	1	2	6	11	8	10	12	14
ST. JOHNS	9	7	12	15	6	7	7	11	52	54	66	55
SUWANNEE	11	16	31	19	1	3	2	2	0	0	1	1
UNION	5	8	6	10	2	6	6	6	0	4	5	7
TOTAL	494	599	783	1129	121	258	423	576	113	152	192	244
EAST CENTRAL												
BREVARD	153	180	213	246	27	48	63	65	22	30	24	38
INDIAN RIVER	21	28	28	42	6	8	8	19	1	4	4	1
LAKE	5	8	15	58	3	9	23	17	15	19	20	14
OKEECHOBEE	11	28	15	41	0	0	4	0	0	0	1	7
ORANGE	316	316	494	462	17	75	240	292	22	35	38	64
OSCEOLA	3	4	3	3	1	2	28	23	13	3	21	17
ST. LUCIE	39	66	90	126	0	0		8	22	1	41	8
SEMINOLE	3	3	8	8	2	8	15	21	202	235	288	347
SUMTER	9	22	30	45	0	1	4	4	0	0	1	0
VOLUSIA	136	425	566	583	1	2	3	5	6	8	14	14
TOTAL	696	1080	1462	1614	57	153	388	454	303	335	452	510
WEST CENTRAL												
CHARLOTTE	2	3	4	3	3	4	6	3	2	4	10	9
DE SOTO	29	31	33	31	3	12	26	33	0	0	0	1
GLADES	8	3	4	1	0	1		0	0	0	0	1
HARDEE	19	20	24	38	0	0	1	0	2	1	0	1
HERNANDO	0	13	15	36	0	0		0	1	1	3	5
HIGHLANDS	53	65	41	43	0	19	62	73	2	10	1	0
HILLSBOROUGH	70	92	132	171	10	17	24	57	64	60	47	132
LEE	138	190	154	216	41	58	59	124	5	1	8	32
MANATEE	84	84	138	169	1	4	9	16	6	1	1	1
PASCO	37	76	93	113	3	8	5	10	8	9	14	16
PINELLAS	40	126	278	414	1	10	31	38	11	18	19	10
POLK	238	322	323	375	5	13	19	42	2	8	5	48
SARASOTA	160	205	283	305	52	54	86	122	19	22	36	25
TOTAL	878	1230	1522	1915	119	200	328	518	122	135	144	281
SOUTH												
BROWARD	285	351	392	427	21	12	67	117	124	197	66	72
COLLIER	132	117	118	249	2	79	31	130	11	17	25	10
DADE	231	254	430	614	67	67	81	132	255	325	455	454
HENDRY	2	2	2	9	9	14	11	9	15	17	27	31
MARTIN	10	5	15	37	0	25	2	15	27	2	31	26
MONROE	3	20	17	20	0	0	1	0	2	4	4	3
PALM BEACH	383	549	215	332	4	33	91	267	12	81	38	99
TOTAL	1046	1298	1189	1688	103	230	284	670	446	643	646	695
FSDB	0	0	0	13	0	0	0	3	0	0	0	0
STATE TOTAL	3542	4925	6070	7681	447	967	1611	2490	1066	1363	1552	1868

FLORIDA REPORTING REGIONS

PANHANDLE

BAY
CALHOUN
ESCAMBIA
FRANKLIN
GADSDEN
GULF
HOLMES
JACKSON
JEFFERSON
LEON
LIBERTY
MADISON
OKALOOSA
SANTA ROSA
TAYLOR
WAKULLA
WALTON
WASHINGTON

CROWN

ALACHUA
BAKER
BRADFORD
CITRUS
CLAY
COLUMBIA
DIXIE
DUVAL
FLAGLER
GILCHRIST
HAMILTON
LAFAYETTE
LEVY
MARION
NASSAU
PUTNAM
ST. JOHNS
SUWANNEE
UNION

EAST CENTRAL

BREVARD
INDIAN RIVER
LAKE
OKEECHOBEE
ORANGE
OSCEOLA
ST. LUCIE
SEMINOLE
SUMTER
VOLUSIA

WEST CENTRAL

CHARLOTTE
DE SOTO
GLADES
HARDEE
HERNANDO
HIGHLANDS
HILLSBOROUGH
LEE
MANATEE
PASCO
PINELLAS
POLK
SARASOTA

SOUTH

BROWARD
COLLIER
DADE
HENDRY
MARTIN
MONROE
PALM BEACH